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	2.s 291	
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PTO/SB/05 (08-00)  Approved for use through 10/21/2002. OMB 0651-0032  Please type a plus sign (+) in this box  U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.							
	UTILITY	Attorney Docket No.	134693NM (14958US01)				
	T APPLICATION	First Inventor	Gopal B. Avinash et al.				
IR	ANSMITTAL	Title Method And	Apparatus For Signal-To-Noise				
(Only for new nonprovision	onal applications under 37 CFR 1.53(b))	Express Mail Label N	o. EV304939454US				
	CATION ELEMENTS  oncerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA. 22313-1450					
	al Form (e.g., PTO/SB/17) and a duplicate for fee processing)	7. CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)					
·	ns small entity status.		nino Acid sequence Submission				
3 Specification	[Total Pages 20]	· —	eadable Form (CRF)				
— (preferred arranger	nent set forth below)  le of the invention	<del></del>	equence Listing on:				
	nce to Related Applications garding Fed sponsored R&D	i. 🔲 CD-RO	DM or CD-R (2 copies); or				
	sequence listing, a table, or a computer	ii. paper					
-Background o	of the Invention ion of the Drawings (if filed)	c. Statements v	erifying identity of above copies				
-Detailed Desc -Claim(s)	cription	ACCOMPANY	ING APPLICATION PARTS				
-Abstract of the	e Disclosure		Papers (cover sheet & documents(s))				
4. Drawing(s) (35	U.S.C. 113) [Total Sheets [9]]	10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney					
5. Oath or Declaration	[Total Pages 6 ]	11. English Translation Document (if applicable)					
a. 🛛 Newly execut	ed (original or copy)	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations					
	orior application (37 CFR 1.63(d)) on/divisional with Box 18 completed)	13. Preliminary Amendment					
i DELETIC	N OF INVENTORS	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
named in the	tement attached deleting inventor(s) he prior application, see 37 CFR and 1.33(b).	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
6 🗌	. ,	16. Request and Certification under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or					
Application Data	a Sheet. See 37 CFR 1.76	its equivalent.  17. Other:					
	PLICATION, check appropriate box, and		mation below and in a preliminary				
amendment, or in an App Continuation	olication Data Sheet under 37 CFR 1.76:  Divisional Cont	inuation-in-part (CIP) o	f prior application No.:				
Prior application informat	ion: Examiner:	Group/ARt Unit	:				
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS							
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	1 Con Telephone	(012)110-0000	(012) 770-0100				
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Signature	Christophy h. Nem		Date July 29, 2003				

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Signature	Christophen h. Dean	Date	July 29, 2003



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## **FEE TRANSMITTAL** for FY 2003

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)790.00

Complete if Known					
Application Number					
Filing Date	July 29, 2003				
First Named Inventor	Gopal B. Avinash et al.				
Examiner Name					
Group Art Unit					
Attorney Docket No.	134693NM (14958LIS01)				

METHOD OF PAYMENT			FEE CALCULATION (continued)						
1.   The Commissioner is hereby authorized to charge indicated fees and		3. ADDITIONAL FEES							
credit any overpayments to:			Large		Smal	п			
Deposit [			_		Entity		Entity		
Account		070845	ŀ	Fee	Fee	Fee	Fee		Fee
Number			_	Code	(\$)	Code	(\$)	Fee Description	Paid
Deposit Account		GTC		1051	130	2051	65	Surcharge - late filing fee or oath	<u> </u>
Name				1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
☑ Char	ge Any Additior	nal Fee Required Under 37 CFR 1	.16 and 1.17	ĺ					1 1
		all entity status.		1053	130	1053	130	Non-English specification	
	37 CFR 1.27			1812	2 520	1812	2.520	For filing a request for ex parte reexamination	
2. 🗆 Payme		. 5.4		1804	920*	1804	2,520 920*		-
☐ Checi	Credit Ca	ard Money Order Other		1804	920	1004	920	Requesting publication of SIR prior to Examiner action	
		CALCULATION		1805	1,840	*1805	1,840*	Requesting publication of SIR after Examiner action	
1. BASIC FIL				l					
Large Entit	y Small Entity Fee Fee	Fee Description		1251	110	2251	55	Extension for reply within first month	
Code (\$)		ree Description	Fee Pald	1252	410	2252	205	Extension for reply within second month	
1001 75		Utility filing Fee	750.00	1253	930	2253	465	Extension for reply within third month	
1002 33		Design filing Fee	[	1254	1,450		725 985	Extension for reply within fourth month	
				1255 1401	320	2255 2401	160	Extension for reply within fifth month Notice of Appeal	
1003 52		Plant filing fee		1402	320	2402	160	Filing a brief in support of an appeal	
1004 75	0 2004 375	Reissue filing fee		1403	280	2403	140	Request for oral hearing	
1005 16	2005 80	Provisional filing fee		1451	1.510		1510	Petition to institute a public use proceeding	<u> </u>
				1452	110	2452	55	Petition to revive - unavoidable	
		SUBTOTAL	(1) (\$)750.00	1453	1,300	2453	650	Petition to revive - unintentional	
2. EXTRA CL	AIM EEES			1501	1,300	2501	650	Utility issue fee (or reissue)	
Z. EXTRACE	AIWITES	Fee from		1502	470	2502	235	Design issue fee	
		Extra Claims below	Fee Paid	1503	610	2503	315	Plant issue fee	
Total Claims	20 - 20** =		0	1460	130	1460	130	Petitions to the Commissioner	
	20,120 -	^	≌	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Independent Claims	3 - 3** =	x=	0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Depe		=		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
Large Entit	y Small Entity			1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
Fee Fee Code (\$)		Fee Description		1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1202 18		Claims in excess of 20		1801	750	2801	375	Request for Continued Examination (RCE)	
1201 84	2201 42	Independent claims in excess of	f 3	1802	900	1802	900	Request for expedited examination of a design application	
1203 28	2203 140	Multiple dependent claim, if not	paid	Other	fee (sp	ecify)		···	
1204 84	2204 42	**Reissue independent claims over original patent		<u> </u>					
1205 18	2205 9	**Reissue claims in excess of 2 and over original patent	0						
SUBTOTAL (2) (\$)0			I				:		
**or number previously paid, if greater; For Reissues, see above			*Redu	ced by	Basic Fil	ina Fee F	Paid SUBTOTAL (3)	\$)40.00	
or mannoer p	conducty paru,	, g. cater, i or riciosues, see abov		1,1600	JUL UY	2000 1111	ng ree r	000101AE (3)   (6	.,

SUBMITTED BY					Complete (if applicable)
Name (Print/Type)	Christopher N. George	Registration No. (Attorney or Agent)	51,728	Telephone	(312) 775-8000
Signature	Christophy a.	Leon		Date	July 29, 2003